

1. DRAFT OF FIVE-YEAR INVESTMENT PLAN OF THE DEPARTMENT OF METALLURGY, MINISTRY OF HEAVY INDUSTRY
(figures in 1,000 Deutsche marks)

OVER-ALL PLAN

27 May 1951

Project	Actual 1950	Planned Investments						Remarks
		1951	1952	1953	1954	1955	Total 1951-1955	
A. Ore Mining								
1. Iron ore mining	2,482	7,505	24,500	22,900	15,730	8,870	79,505	Includes raising 1951 plan amount for Maxhuetten mine by 20,000 DM (Deutsche marks)
2. Copper ore mining	12,570	27,250	36,600	29,000	22,000	15,000	129,850	
3. Lead ore mining	3,661	11,300	34,000	81,130	60,490	45,710	232,630	
4. Tin ore mining	1,254	5,470	9,900	7,530	3,135	2,510	28,545	
5. Tungsten ore mining	601	1,605	3,500	4,000	3,200	2,950	15,255	
6. Nickel ore mining	--	80	2,000	5,000	3,500	2,000	12,580	
7. Antimony ore mining	--	185	600	500	500	440	2,225	
Total ore mining	20,578	53,395	111,100	150,060	107,655	77,480	499,690	

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B. Iron Industry

8. Fuerstenber	5,000	74,040	150,000	184,000	144,000	13,000	565,040	
9. Calbe (exclud- ing mines)	2,162	23,520	48,400	47,230	38,000	610	157,760	Includes raising 1951 plan sum by 9,700,000 DM
10. Maxhuetten (ex- cluding mines)	13,231	22,400	7,740	34,140	30,640	22,320	117,240	Includes raising 1951 plan sum for foundry and ce- ment works by 6,980,000 DM
11. Doehlen	3,215	25,160	55,000	36,740	20,580	11,490	148,970	
12. Brandenburg	49,422	52,600	55,000	58,800	53,200	1,000	220,600	
13. Riesa	38,842	39,660	20,000	47,400	13,650	32,500	153,210	
14. Groeditz	34,300	18,640	15,560	24,195	42,000	11,720	112,415	
15. Finow	681	3,777	10,000	10,990	9,000	9,000	42,767	
16. Ferroalloy plants	578	6,480	8,455	8,360	3,100	2,500	28,895	
17. Dolomite works	1,454	2,370	1,800	1,500	--	--	5,670	
18. Roll-casting plants	--	3,460	5,000	3,840	300	100	12,700	
19. Heanigsdorf	22,462	16,127	3,000	4,000	3,320	1,160	27,607	
20. Ilsenburg	3,225	4,370	4,400	3,065	585	290	12,710	
21. Willy Becker	6,233	1,785	700	1,500	1,630	50	5,665	

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22. Burg	1,810	1,331	500	150	--	--	1,981
23. Olberhau	960	2,289	1,400	1,430	800	700	6,619
24. Auerhammer	536	1,890	1,600	3,000	1,730	2,500	10,720
25. Dresden	--	67	--	--	--	--	67
26. Cold-rolling mill and drawing installation	1,372	1,520	595	1,465	345	245	4,170
27. Federation of People-Owned Enterprises EFW (iron processing works), and rolling mill and drawing installations. administration	320	270	150	--	--	--	420
Total iron industry	185,843	302,056	389,300	471,805	362,880	109,185	1,635,226

C. Nonferrous Metals Industry

28. Mansfeld (excluding mines)	5,420	19,420	19,320	30,000	25,500	14,900	109,140
29. Halsbruecke	1,307	3,000	2,270	3,030	4,800	1,800	14,900
30. Muldenhuetten	1,057	4,175	6,750	4,100	4,850	3,300	23,175

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31. Zinkhütte	--	35	4,600	15,000	11,000	805	31,500
32. Kuhschnappel Nickel Works	--	--	--	5,000	5,000	2,000	12,000
33. Merseburg	1,437	850	590	1,180	1,020	1,000	4,640
34. BMBW (Berlin Metal & Semi- finished Prod- ucts Works)	2,684	1,380	1,326	2,400	1,320	84	6,510
35. Rackwitz	527	250	750	1,000	2,000	2,000	6,000
36. Aue and Ober- schlema	883	402	350	--	--	--	752
37. Freiberg Tin and Lead Works	617	585	145	680	525	950	2,885
38. Federation of People Owned Enterprises for Nonferrous Metals, adminis- tration	40	97	20	100	--	--	217
Total nonferrous " metals industry	13,972	30,254	36,121	62,490	56,015	26,839	211,719
D- 39. Central Construc- tor Office and Research Insti- tute	1,087	1,136	3,420	4,200	3,000	2,000	13,756

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E. 40. Minor projects not listed above	--	--	3,000	2,000	2,000	2,000	9,000
Grand total for metallurgy	221,480	386,841	542,941	690,555	531,550	217,504	2,369,391

BREAKDOWN OF OVER-ALL PLAN

Project	Actual 1950	Planned Investments					Total 1951-1955	Remarks
		1951	1952	1953	1954	1955		
A. Ore Mining								
1. Iron Ore Mining								After 1952 includes 12 million DM for 3 direct processing installations
a. Maxhuetten Mines	660	1,020	3,000	3,000	2,000	1,000	10,020	1952 and 1953 includes 2 million DM for direct processing installations
Kamadorf Mines		220						
Schmiedefeld Mines	619	471						
Wittmanagereuth Mines	41	329						

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b. Ironworks
"West" Mines

Badeleben	1,192	2,936	12,300	7,200	3,500	1,900	27,836
Tangerniede- rung and Surpfeisen	48	264	250	350	250	130	1,244

c. Harz iron ore
mines

"Am Buschenber" Elb.	234	295	890	500	2,860	2,400	6,945	1954 and 1955 each in- cludes 2 million DM for direct processing instal- lation
"Braurassumpf"	348	715	2,100*	4,400	3,000	400	10,715	1953 and 1954 each includes 2 million DM for direct processing installation */Originally 2,200/

d. Ferromanganese
mines

Schmalkalden	2,000	3,900	3,300	1,000	550	10,750
Gottesgabe		960	1,400	1,000	900	4,260

e. Schwarzenberg

	295	--	150	120	90	655
		1,000	2,600	2,000	1,500	7,100

f. Schleiz

Total iron ore mining	2,482	7,525	--*	22,900	15,730	8,870	79,525	*/Originally 24,500/
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d. Gottesberg	60	790	900	650	540	450	3,330
Total tin ore mining	1,254	5,470	9,900	7,530	3,135	2,510	28,545
5. Tungsten Ore Mining							
a. Pachtelsgruen	601	990	2,000	1,100	1,000	850	5,940
b. Zschorlav	--	615	1,500	2,900	2,200	2,100	9,315
Total tungsten ore mining	601	1,605	3,500	4,000	3,200	2,950	15,255
6. Nickel Ore Mining (Kuh Schnappel)	--	80	2,000	5,000	3,500	2,000	12,580
7. Antimony Ore Mining (Oberboehmsdorf)	--	185	600	500	500	440	2,225
Total nonferrous metals mining (excluding copper)	5,516	18,640	50,000	98,160	69,925	53,610	290,335
Total ore mining	20,578	53,395	111,100	150,060	107,655	77,480	499,690

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B. Iron Industry8. Fuerstenberg

Blast furnace, including ore-dressing installation	130	53,950	65,000	20,000	500	--	117,240	1952 -- blast furnace III-VI (500 tons); 1953 -- blast furnace VII (500 tons)
Coking plant, including subsidiary chemical plant	--	--	61,000	49,000	500	--	110,500	1952 -- 4 coking batteries; 1953 -- 3 batteries
Steel works	--	--	100	25,000	45,000	--	70,100	
Rolling mills	--	--	100	50,000	75,000	7,000	132,100	
Forging press works	--	--	--	--	--	--	--	
Steel casting plant	--	--	--	--	--	--	--	
Auxiliary plants	4,870	20,090	23,800	40,000	23,000	6,000	112,890	
Total Fuerstenberg	5,000	74,040	119,000*	215,000**	144,000	13,000	565,040	*[Originally 150,000]; **[Originally 184,000]

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9. Calbe (exclud- ing mines)										
Low-shaft in- stallations, including aux- iliary instal- lations	2,162	23,520	48,400	40,730	31,500	610	144,760	Includes raising plan amount by 9,700,000 DM		
Tube-casting plant	--	--	--	--	--	--	--			
Power plant	--	--	--	6,500	6,500	--	13,000			
Total Calbe	2,162	23,520	48,400	47,230	38,000	610	157,760			
10. Maxhuetta (exclud- ing mines)										
Blast furnace, including ore- sintering plant	4,365	6,638	950	15,800	17,000	7,200	47,588	1951 includes increase by 438,000 DM		
Steelworks	1,372	4,485	3,150	5,400	2,900	3,400	19,335	1951 includes increase by 3,400,000 DM		
Rolling mills	3,125	7,015	2,400	6,660	4,160	3,200	23,435	1951 includes increase by 1,130,000 DM		
Oepitz cold- rolling mills	265	512	--	160	580	620	1,872	1951 includes increase by 12,000 DM		
Cement works	--	2,050	710	120	--	--	2,880	1951 includes increase by 2,000,000 DM		

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Subsidiary and auxiliary plants	4,104	1,700	530	6,000	6,000	7,900	22,130	
Total Max-huette	13,231	22,400	7,740	34,140	30,640	22,320	117,240	1951 includes increase by 6,980,000 DM
11. Doehlen								
Steelworks	1,980	6,500	6,330	6,500	1,130	--	20,460	
Rolling mill	350	11,120	21,840	14,500	7,800	1,220	56,480	
Forge shops, annealing and heat-treating plants	300	2,990	4,160	5,840	3,650	6,970	23,610	
Generator installations, power supply and auxiliary plants	585	4,550	22,670	9,900	8,000	3,300	48,420	
Total Doehlen	3,215	25,160	45,000*	46,740**	20,580	11,490	148,970	*Originally 55,000; **Originally 36,740
12. Brandenburg								
Steelworks	38,527	18,590	300	12,200	20,100	--	51,190	Furnace IX finished end of 1953; Furnace X-XIII, 1954
Rolling mill	1,350	25,500	41,435*	34,600	27,100	--	130,100	*Originally 42,900
Auxiliary plants	9,505	8,510	--*	12,000	6,000	1,000	39,310	*Originally 11,800
Total Brandenburg	49,422	52,600	55,000	58,800	53,200	1,000	220,600	

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13. Riesa

Steelworks, including steel casting plant	22,411	9,206	--	12,000	6,650	5,400	33,256	
Rolling mill	10,138	8,405	6,000	2,100	--	--	16,505	
Tube works	3,571	18,565	9,000	25,000	--	25,000	77,565	
Subsidiary and auxiliary plants	2,722	3,484	5,000	8,300	7,000	2,100	25,884	
Total Riesa	38,842	39,660	18,800*	48,600**	13,650	32,500	153,210	*Originally 20,000; **Originally 47,400

14. Groeditz

Steel works I	6,172	1,200	500	830	--	--	2,530	
Steel works II	17,291	4,900	1,000	1,375	--	--	7,275	
Chill-casting plant	300	1,540	--	300	--	--	1,840	
Large-scale forge	8,183	9,400	12,760	14,790	10,000	4,120	51,070	
Fittings factory	250	100	100	--	2,000	3,000	5,200	
Heat-treating plant for railroad tires	300	600	--	--	--	--	600	
Solid wheel rolling mill	--	--	--	5,400	28,000	2,600	36,000	

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Auxiliary plants	1,804	1,200	1,200	1,500	2,000	2,000	7,900	
Total Groeditz	34,300	18,940	15,560	24,195	42,000	11,720	112,415	
15. Finow								
Plant I	681	1,400	--	990	--	--	2,390	
Plant II	--	2,377	10,000	10,000	9,000	9,000	40,377	
Total Finow	681	3,777	10,000	10,990	9,000	9,000	42,767	
16. Ferroalloy Works								
Lippendorf	578	3,380	1,320*	2,960	600	1,000	10,095	*[Originally 2,155]
Mueckenberg	--	3,100	6,670*	5,400	2,130**	1,500	18,800	*[Originally 6,300]; **[Originally 2,500]
Total Ferroalloy works	578	6,480	-- *	8,360	-- **	2,500	28,895	*[Originally 8,455]; **[Originally 3,100]
17. Dolomite Works								
Wuenschendorf	1,394	1,902	--	200	--	--	2,102	
Crimmitschau Langenreinsdorf Quarry	--	292	1,800	1,000	--	--	3,092	
Pforten lime works	100	76	--	100	--	--	176	
Crimmitschau dolomite quarry	--	100	--	200	--	--	300	
Total dolomite works	1,494	2,370	1,800	1,500	--	--	5,670	

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18. Roll-casting Plants

Cosvig	--	2,860	5,000	1,840	--	--	9,700	
Quedlinburg	--	600	350*	2,000	300	100	3,000	*[Originally -]
Total roll-casting Plants	--	3,460	--*	3,840	300	100	12,700	*[Originally 5,000]

19. Hennigsdorf

Steelworks	4,296	2,640	175	1,400	400	--	4,615	
Steel casting plant	6,505	3,560	--	600	1,000	200	5,360	
Velten chill-casting plant	567	2,030	--	200	70	--	2,300	
Rolling mill, including roll-turning shop	7,880	4,217	1,890	800	650	60	7,617	
Auxiliary plants, including water supply	3,212	3,680	935	1,000	1,200	900	7,715	
Total Hennigsdorf	22,462	16,127	3,000	4,000	3,320	1,160	27,607	

20. Eisenburg

Heavy plate-rolling mill	--	3,367	3,755	30	--	--	7,152	
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Medium plate-rolling mill	2,344	--	50	1,525	--	--	1,575
Copper foundries	--	133	60	--	--	--	193
Copper electrolysis unit	--	250	10	--	--	--	260
Blast-furnace installation	--	250	90	--	--	--	340
Flange work installation	--	--	--	250	--	--	250
Auxiliary plants	881	370	435	1,260	585	290	2,940
Total Ilseburg	3,225	4,370	4,400	3,065	585	290	12,710
21. Willy Becker	6,233	1,785	700	1,500	1,630	50	5,665
22. Burg	1,810	1,331	500	150	--	--	1,981
23. Olberhau	960	2,289	1,400	1,430	800	700	6,619
24. Auerhammer	536	1,890	1,600	3,000	1,730	2,500	10,720
25. Dresden	--	67	--	--	--	--	67
26. Cold-Rolling Mill and Drawing Installation							
Oranienburg	307	140	100	200	40	40	520
Chemnitz	557	550	560*	300	75	75	1,335

*Originally 332

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Lugau	112	130	10	415	80	--	635	
Delitzsch	--	150	--	--	--	--	150	
Brotterode	138	130	110*	350	100	100	730	*[Originally 50]
Salzungen	258	120	160*	200	50	30	500	*[Originally 100]
Schoeneweide	--	570*	--	--	--	--	300	*[Originally 300]
Total cold-rolling mill and drawing installation	1,372	1,520	595	1,465	345	245	4,170	
27. Federation of People Owned Enterprises, EFW (iron processing works and Rolling Mill and Drawing installation, Administration)	320	270	225*	--	--	--	420	*[Originally 150]

C. Nonferrous Metals Industry

28. Mansfeld (excluding mines)								
Crude metal smelting plant	3,062	8,500	7,500	13,000	10,000	6,900	45,900	
Smelting plant (refining)	371	5,920	5,850	9,000	8,000	3,000	31,770	

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Power plants	963	2,000	3,420	4,000	4,000	2,500	15,920
Auxiliary plants	1,024	3,000	2,550	4,000	3,500	2,500	15,550
Total Mansfeld (excluding mines)	5,420	19,420	19,320	30,000	25,500	14,900	109,140
29. Halsbruecke	1,307	3,000	2,270	3,030	4,800	1,800	14,900
30. Muldenbuetten							
Short rotary furnace			300	300	--	--	600
Sintering instal- lations		370	--	800	150	--	1,320
Smelting instal- lations		--	1,000	2,000	1,000	--	4,000
Contact instal- lations		1,800	4,250	--	1,200	1,300	8,550
Arsenic instal- lations		--	--	100	--	--	100
Antimony smelt- ing		--	--	200	200	--	400
Long-distance gas heating		--	--	--	1,400	1,200	2,600
Subsidiary and auxiliary plants		2,005	1,200	700	900	800	5,605
Total Mulden- buetten	1,057	4,175	6,750	4,100	4,850	3,300	23,175

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31. Zinkhutte	--	95	4,600	15,000	11,000	805	31,500
32. Kuhschnappel Wickel Works	--	--	--	5,000	5,000	2,000	12,000
33. Merseburg	1,437	850	590	1,180	1,020	1,000	4,640
34. BMW (Berlin Metal and Semi- finished Prod- ucts Works)							
Foundry	295	260	238	150	65	--	713
BMW (Berlin Semifinished Products Works)	713	670	950	1,746	1,100	--	4,466
"Special Bronze" Plant	239	450	138	504	155	84	1,331
Total BMW	1,247	1,380	1,326	2,400	1,320	84	6,510
35. Rackwitz	527	250	750	1,000	2,000	2,000	6,000
36. Aue and Oberschlema							
Aue	688	210	350	--	--	--	560
Oberschlema	195	192	--	--	--	--	192
Total Aue and Oberschlema	883	402	350	--	--	--	752

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37. Freiberg Tin and Lead Works

Tin smelting plant	464	560	145	680	525	950	2,860
Lead works	153	25	--	--	--	--	25
Total tin smelting plant and lead works	617	585	145	680	525	950	2,885

38. Federation of People-Owned Enterprises for Nonferrous Metals

	40	97	20	100	--	--	217
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Total nonferrous metals industry	13,972	30,254	36,121	62,490	56,015	26,839	211,719
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D. 39. Central Construction Office and Research Institute

Central Construction Office	150	109	2,000	200	--	--	2,309
Freiberg Research Institute	537	450	830	3,900	2,740	1,900	9,820

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Hennigsdorf Research Institute	400	577	590	100	260	100	1,627
Total Central Construction Office and Research Institute	1,087	1,136	3,420	4,200	3,000	2,000	13,756

II. CAPITAL EQUIPMENT REQUIREMENTS OF THE DEPARTMENT OF METALLURGY,
MINISTRY OF HEAVY INDUSTRY, IN THE FIVE-YEAR PLAN

22 June 1951

(value in 1,000 Deutsche marks; quantity in units unless otherwise indicated)

Plan Group and Capital Equipment	1951		1952		1953		1954		1955		Remarks
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
<u>Machine-Building Plan Group, Total (not including Group I /not identified/)</u>		134,600		191,000		230,000		170,000		67,000	
Power plant machinery total Including:		2,000		4,000		2,000		2,500		1,000	
Boilers, including:											
Boilers, over 60 tons/hr	--	--	--	--	--	--	--*	--	--	--	

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Calbe Power Plant taken over by Main Power Administration
*Originally 2 units totaling 128 tons/hr, valued at 3,600,000 DM

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Boilers, 10-60 tons/hr	1 unit of 40 tons/hr	1,500	2 units totaling 80 tons/hr	3,000	--	--	1 unit of 40 tons/hr	1,500	--	--	
Boilers, up to 10 tons/hr	--	--	--	--	--	--	--	--	--	--	
Waste-heat boilers	1	80	2	160	4	320	5	240	1	80	
Steam turbines including:											
Steam turbines over 500 kw	2	320	2 units totaling 2,200 kw	300	5 units totaling 11,400 kw	1,600	4 units totaling 4,400 kw**	600	2 units totaling 2,200 kw	300	Calbe Power Plant taken over by Main Power Administration */Originally 7 units totaling 36,400 kw, valued at 5 million DM/ **/Originally 5 units totaling 5,600 kw, valued at 750,000 DM/
Steam turbines over 100 kw	--	--	--	--	--	--	--	--	--	--	
Water turbines (98 and 45 kw)	2 units totaling 100 kw	44	--	--	--	--	--	--	--	--	
Diesel and gasoline engines for ships	--	--	--	--	--	--	--	--	--	--	

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Machine tools, forge and press equipment, total		11,500		11,500		21,000		15,000		6,000
Including:										
Turning lathes over 500 mm turning diam- eter		5		8		8		4		
Vertical lathes up to 1,600 mm turning diam- eter		2		3		1		--		
Vertical lathes over 1,600 mm turning diam- eter		2		3		--		--		
Roll lathes	3	450 12		1,800 20		3,000 15		2,250 5		750
Milling machines over 1,000 mm table length	8	-- 2		5		2		1		
Generating mill- ing cutters over modulus 5	--	-- --		-- --		-- --		-- --		--
Boring and mill- ing machinery	13	250 16		480 22		660 17		510 8		240
Including:										
Spindle diam- eter over 100 mm	3	87 2		75 3		120 --		-- --		--

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Parallel plan- ing machines up to 1,600 mm plan- ing width	13	275	18	24	20	10	
Parallel plan- ing machines over 1,600 mm planing width	--	--	1	4	2	--	
Grinding machines -- for an outside circumference over 500 mm	--	--	2	600 --	--	3	900 -- --
Grinding machine -- for inside grind- ing	--	--	--	--	--	--	--
Radial bore ma- chines over 40 mm bore	10	170	13	270 19	410 14	300 6	120
Forge and press equipment		3,000		5,000	5,500	4,800	3,000
Including:							
Eccentric press over 63 tons work- ing load	11	70	7	7	8	4	
Hydraulic press over 63 tons working load	--	--	3	3	3	2	

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Forge hammers	20	185	35	40	30	20
Forge presses	--	--	4	5	--	--
Drop cutters	10	320	15	14	11	4
Tools (excluding household tools) and foundry equipment		2,758		2,554	3,154	2,289
						1,500
Metallurgical and mining equipment, total		36,584		107,000	112,400	81,300
						30,800
Including:						
Metallurgical equipment				85,000	78,000	63,300
						14,300
Including rolling mill equipment		36,500		38,710	38,400	41,200
						10,100
Mining and concentrating equipment				22,000	34,400	18,000
						16,500

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Equipment for pro- duction of build- ing material and fireproof arti- cles [Note that figures for 1952 and 1953 do not seem to be in- cluded in total for metallurgi- cal and mining equipment]	84	500	1,000	--	--
Equipment for the coal industry	816	--	--	--	--
Transportation equip- ment	21,600	27,000	41,000	30,000	12,000
Chemical pumps and compressor equip- ment	3,300	23,000	20,500	17,000	5,000
Including:					
Chemical equip- ment	90	19,000	13,000	10,000	2,500
Pumps	1,200	1,500	2,300	1,650	650
Compressors	1,200	1,500	2,300	1,650	650
Construction and road-building ma- chines (dredges)	479	2,000	3,300	1,500	1,500

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Fire-fighting equipment	410	550	800	550	220
Steel constructions	72,000	92,000	135,000	97,000	40,000
Woodworking equipment	184	200	350	250	100
Welding equipment	515	600	150	700	280
Industrial fittings	1,821	1,702	1,747	1,510	1,001
Antifriction bearings	325	420	620	440	180
Vehicle production, total	-- 8,100 --	-- 9,300 --	-- 11,500 --	-- 8,800 --	-- 4,500 --
Rail vehicles	-- 6,000 --	-- 7,000 --	-- 8,000 --	-- 6,000 --	-- 2,500 --
Including:					
Steam locomotives	15 1,500 17	1,700 22	2,200 19	1,900 7	700
Freight cars	96 1,450 125	1,850 180	2,700 130	1,950 55	830
Passenger and baggage cars	-- -- --	-- -- --	-- -- --	-- -- --	--
Automobiles and tractors	-- 2,100 --	-- 2,300 --	-- 3,500 --	-- 2,800 --	-- 2,000 --
Including:					
Passenger cars	41 482 31	290 36	330 35	329 27	265
Including:					

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Type BMW (Bavarian Motor Works)	22	330	6	90	6	90	7	105	7	105
Type DKW (German Motor Car Works)	19	152	25	200	30	240	28	224	20	160
Trucks	17	340	30	600	60	1,200	50	1,000	30	600
Motorcycles	17	24	20	28	25	35	25	35	20	28
Bicycles	1,620	162	1,720	172	1,320	132	940	94	630	63
Wheeled trac- tors over 22 hp	--	--	2	38	2	38	1	19	--	--
Caterpillar tractors	--	--	--	--	--	--	--	--	--	--
<u>Electrical Industry</u>		24,100		34,000		49,000		36,000		17,000
<u>Plan Group Total</u>										
Alternating-current motors, 1-100 kw	1,800	2,000	2,600	2,800	3,600	4,000	2,700	3,000	1,000	1,200
Alternating-current motors over 100 kw	123	3,700	160	4,800	230	7,000	165	5,000	70	2,000
Electric motors and generators for direct current	69	760	90	980	130	1,400	95	1,000	40	450
Electric generators up to 100 kw	4	17	--	--	--	--	--	--	--	--

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Power plant turbo- generators	--	--	2 units total- ing 2,200 kw	--	5 units total- ing 11,400 kw	--	4 units total- ing 4,400 kw	--	2 units total- ing 2,200 kw
Power transformers	174 units totaling 260,000 kw	3,600	225 units totaling 340,000 kw	4,700	330 units totaling 490,000 kw	6,700	235 units totaling 350,000 kw	4,900	95 units totaling 145,000 kw
Electric furnaces	5	2,250	5	2,225	8	3,650	--	--	--
Cable and overhead lines		4,580		6,400		9,400		6,800	2,700
Storage batteries		450		650		950		680	270
High-tension switches		1,700		2,400		3,400		2,500	1,100
Telephone instal- lations	4	1,160	10	2,100	8	1,700	4	600	2 400
Precision Instru- ments and Optics Plan Group, Total		2,800		4,000		5,800		4,200	1,925
Including:									
Calculators and cash registers		308		450		600		450	250
Typewriters and typewriter car- riages	400	120	1,700	510	1,000	300	700	210	700 210

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Total capital equip- ment requirements (not including group T)	161,500	229,000	284,800	210,200	85,925
In percent of total invest- ments	41	43	41	40	40

III. CHANGE OF DELIVERY DATES FOR INVESTMENT ITEMS WITHIN THE PROJECTS

16 June 1951

Description	Original Target Date	New Target Date	Time differ- ence (days)	Production loss (-) or Production gain (+) (tons)	Reason for Change of Target Date
<u>Brandenburg</u>					
1050 blooming mill	1 Mar 52	4th Qu 52	+270	-250,000 (ingot steel)	Change from deliveries from the West to GDR production (provided blueprints are delivered immediately by Ernst-Thaelman Works in Magdeburg)
850 blooming mill	1 Dec 51	3d Qu 52	+270	-150,000 (semifinished product)	Change from deliveries from the West to GDR production
Continuous billet and slabbing mill	2d Qu 52	3d Qu 53	+450	-500,000 (semifinished product)	Same as above
Wire-rolling mill	3d Qu 53	3d Qu 52	-360	+100,000 (wire)	Possibilities of deliveries from Czechoslovakia

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Doehlen

650 rolling mill	4th Qu 51	2d Qu 52	+450	-87,500 (semifinished product)	Designing of rolling mills and development of the electrical drive
580/450 rolling mill	4th Qu 52	1st Qu 52	-90	+7,500 (medium iron)	Possibilities of deliveries from Czechoslovakia
280 rolling mill	2d Qu 53	4th Qu 52	-60	+4,500 (wire)	Same as above

Riesa

850 plate mill	3d Qu 51	4th Qu 52	+450	-250,000 (merchant iron)	Change from deliveries from the West to GDR production
Standard and smoothing mill for old tube works	3d Qu 50	3d Qu 52	+720	-4,000 (seamless tubes)	Same as above
New tube-rolling mill	4th Qu 51	1st Qu 53	+450	-37,500 (seamless tubes)	Same as above

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